

Ballón *et al.*, 2016. Is ecosystem size more important than locality in determining the environmental characteristics of temporary ponds?. *Limnetica* 2016. 35 (1): 73-88

SUPPLEMENTARY INFORMATION

Table S1. Environmental characteristics (min- max) from different temporary pond clusters. Temporary habitats of Mediterranean biogeographical region (Med) are discriminated from the ones out of this region. The studies considered in the meta-analysis (see Figure 4) are indicated in bold. *Características ambientales (min- máx) de diferentes grupos de lagunas temporales. Hábitats temporales de la region biogeográfica del mediterráneo (Med) están discriminados de esta region. Los estudios considerados en el meta-análisis están indicados en negrita (ver figura 4)*

Habitat	Country	Nº of clusters	Nº of pond	Conductivity (µSm/cm)	Depth (cm)	Surface (m ²)	Altitude (m.a.s.l.)	pH	Reference
Athalassohaline (Med)	Spain	1	2	(79788-100717)	(12-25)	(115000-119000)	340	(8.0-8.1)	Alcorlo, 1999
	Spain	1	14	(9300-104400)	(1-80)	(35000-1071000)	(660-690)	(9.3-10.2)	Florín & Montes, 1999; Boronat, 2003
Lowland	USA	1	5	(13-47)	(6-36)	(9-677)	n.a.	(4.2-6.2)	Bonner <i>et al.</i> , 1997
	Hungary	3	12	(58-1015)	(37-49)	(5400-15500)	n.a.	n.a.	Boven <i>et al.</i> , 2008
	USA	1	24	(29-540)	(3-18)	n.a.	n.a.	(6.2-7.9)	Carrino-Kyker & Swanson, 2007
	UK	1	8	(111-438)	(13-33)	(190-29700)	n.a.	(6.4-7.8)	Chaichana <i>et al.</i>, 2011
	USA	1	5	(170-690)	27	(900-4700)	n.a.	(6.8-8.1)	Detenbeck <i>et al.</i>, 2002
	Canada	1	4	(41-658)	(0-61)	(20-2000)	n.a.	(5.8-8.5)	Magnusson & Williams, 2006
	UK	1	71	(37-4040)	(13-174)	(25-12800)	(0-440)		Nicolet <i>et al.</i> , 2004
	Sudan	1	3	(352-502)	33	n.a.	n.a.	(8.8-9.2)	Rzóska, 1961
Lowland (Med)	Spain	9	(1-8)	(56-4460)	(13-200)	(16-56400)	(10-835)	(6.3-10.7)	authors unpublished data
	Italy	1	6	(120-364)	(11-33)	(594-7743)	(308-1033)	(6.6-7.3)	Bagella <i>et al.</i>, 2010
	Italy	1	13	(126-1853)	(9-50)	(1-530)	0	(6.4-8.3)	Carchini <i>et al.</i> , 2007
	Moroco	1	1	1150	40	9682	n.a.	8.7	Elkhiati <i>et al.</i> , 2013
	Spain	1	49	(80-1090)	(10-109)	n.a.	n.a.	(5.3-8.3)	Espinar & Serrano, 2009
	Moroco	1	5	(170-700)	(30-38)	(1334-25439)	n.a.	(6.8-7.7)	Metge, 1986
	Spain	1	15	(329-5640)	(11-200)	(40-4446)	n.a.	(6.2-9.2)	Pretus <i>et al.</i>, 2007; Fraga <i>et al.</i>, 2010
	Tunisia	1	6	(79-359)	(20-120)	(400-6500)	(96-445)	(7.0-7.9)	Rouissi, 2010
	Spain	1	27	(135-180)	(1-150)	(50-7000)	(200-1300)	n.a.	Sahuquillo <i>et al.</i> , 2012
	France	1	9	(1195-8097)	(4-46)	(0.1-161200)	n.a.	(5.3-7.0)	Terzian, 1979
Salt marshes (Med)	Spain	1	46	(1310-35900)	(4-55)	n.a.	n.a.	(7.5-12.0)	Espinar & Serrano, 2009
	Moroco	1	3	(2900-4600)	(5-32)	n.a.	n.a.	(7.2-7.8)	Metge, 1986
Mountain	Bolivia	1	18	(5-238)	(3-46)	(2-310)	(4067-4429)	(4.9-9.7)	Coronel <i>et al.</i>, 2004
Mountain (Med)	Italy	1	8	(13-19)	(30-120)	(36-396)	(1595-1733)	(5.1-6.5)	Tavernini <i>et al.</i>, 2005
	Italy	4	(1-6)	(19-419)	(20-100)	(15-1890)	(990-1724)	(6.0-7.5)	Tavernini <i>et al.</i> , 2009
Turloughs & retaled	Ireland	1	9	(307-461)	n.a.	n.a.	n.a.	n.a.	Porst & Irvine, 2009
	Ireland	1	30	(114-310)	(200-500)	n.a.	n.a.	(7.5-9.0)	Regan <i>et al.</i>, 2007; Cunha Pereira <i>et al.</i>, 2010
Turloughs & retaled (Med)	Spain	1	1	(800-998)	400	(31000-31000)	220	(7.0-8.5)	authors unpublished data
	Greece	1	1	410	450	1950000	108	7.7	Kagalou <i>et al.</i>, 2010

Table S1. (cont.) Upper scripts in Nitrate indicate that: nitrate values corresponded to nitrate plus nitrite (1), or to dissolved nitrogen (2). *Los signos arriba de los valores de nitrato indican que: los valores de nitrato corresponden a nitrato más nitrito (1), o a nitrógeno disuelto (2)*

Habitat	TP (mg/L)	TN (mg/L)	Phosphate (mg/L)	Nitrate (mg/L)	Chla (µg/L)	Reference
Athalassohaline (Med)	n.a.	(4.87-6.08)	n.a.	n.a.	(4.25-13.31)	Alcorlo, 1999
	(<0.01-1.66)	n.a.	(<0.01-19.00)	(<0.01-8.70)	(0.50-57.40)	Florín & Montes, 1999; Boronat, 2003
Lowland	n.a.	n.a.	(0.05-10.93)	n.a.	(<0.01-367.36)	Bonner <i>et al.</i> , 1997
	(0.01-0.03)	n.a.	n.a.	n.a.	(9.80-30.70)	Boven <i>et al.</i> , 2008
	n.a.	n.a.	(0.10-0.50)	(0.10-0.30)	n.a.	Carrino-Kyker & Swanson, 2007
	(0.10-1.57)	(2.40-6.40)	n.a.	(0.04-2.03)	(14.40-123.10)	Chaichana <i>et al.</i> , 2011
	(0.25-2.63)	(1.17-7.76)	(0.19-2.01)	(0.01-0.08) ¹	(0.30-28.00)	Detenbeck <i>et al.</i> , 2002
	n.a.	n.a.	(<0.01-8.90)	(<0.01-2.70)	(2.00-215.00)	Magnusson & Williams, 2006
	n.a.	n.a.	(<0.01-1.11)	(<0.01-2.89) ¹	n.a.	Nicolet <i>et al.</i> , 2004
	n.a.	n.a.	(0.39-1.48)	n.a.	n.a.	Rzóska, 1961
Lowland (Med)	(<0.01-5.33)	(0.15-36.83)	(<0.01-2.49)	(<0.01-30.02)	(0.29-125.92)	authors unpublished data
	(0.05-0.18)	(0.89-2.20)	(<0.01-0.01)	(0.06-0.24)	(1.50-37.20)	Bagella <i>et al.</i> , 2010
	(0.07-1.01)	(1.15-9.32)	n.a.	n.a.	n.a.	Carchini <i>et al.</i> , 2007
	0.52	n.a.	n.a.	n.a.	(26.05-26.05)	Elkhiati <i>et al.</i> , 2013
	n.a.	n.a.	(<0.01-0.07)	(<0.01-1.50)	(0.40-447.10)	Espinar & Serrano, 2009
	n.a.	n.a.	(0.11-1.14)	(1.10-3.30)	n.a.	Metge, 1986
	(0.02-1.36)	n.a.	(<0.01-0.41)	(<0.01-0.04)	(0.95-84.88)	Pretus <i>et al.</i> , 2007; Fraga <i>et al.</i> , 2010
	n.a.	(10.00-16.25)	0.50	(0.50-2.10)	n.a.	Rouissi, 2010
	(0.02-0.32)	0.20	n.a.	(<0.01-1.00)	(0.01-6.00)	Sahuquillo <i>et al.</i> , 2012
	n.a.	n.a.	(<0.01-35.36)	<0.01	n.a.	Terzian, 1979
Salt marshes (Med)	n.a.	n.a.	(<0.01-0.12)	(0.10-0.44)	(1.10-147.10)	Espinar & Serrano, 2009
	n.a.	n.a.	(0.10-0.22)	(1.40-5.70)	n.a.	Metge, 1986
Mountain	(0.01-0.63)	n.a.	n.a.	(<0.01-0.40)	(1.80-153.50)	Coronel <i>et al.</i> , 2004
Mountain (Med)	n.a.	n.a.	(<0.01-0.01)	(0.06-0.20) ²	(0.80-3.1)	Tavernini <i>et al.</i> , 2005
	n.a.	n.a.	(<0.01-0.10)	(<0.01-0.43)	n.a.	Tavernini <i>et al.</i> , 2009
Turloughs & retaled	(0.01-0.04)	(0.22-1.22)	n.a.	n.a.	(0.78-13.52)	Porst & Irvine, 2009
	n.a.	n.a.	n.a.	(0.01-0.84)	(0.30-310.00)	Regan <i>et al.</i> , 2007; Cunha Pereira <i>et al.</i> , 2010
Turloughs & retaled (Med)	(<0.01-0.04)	(0.17-1.19)	(<0.01-0.01)	(<0.01-1.20)	(0.75-8.34)	authors unpublished data
	n.a.	n.a.	0.24	2.80	10.75	Kagalou <i>et al.</i> , 2010

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